



Main

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|-----------------------------------|---|
| Range of product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure sensor size | 5600 psi |
| Maximum pressure | 20000 psi |
| Contacts type and composition | NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts |
| Controlled fluid | Air Non-corrosive liquids Non-corrosive gas Hydraulic oil (-15...250 °F) |
| Fluid connection type | 0.25 inch 18 NPTF conforming to UL 508 |
| Pressure switch type of operation | Regulation between 2 thresholds |
| Scale type | Adjustable differential |
| Local display | With range scale window |

Complementary

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| Range on decreasing pressure | 170...5600 psi |
| Approx adjustable differential at mid range | 289...1260 psi +/- 2.5 % full scale |
| Terminal block type | 4 screw terminals |
| Electrical connection | 1 male connector (mini) 5 pins |
| Terminal identifier | (3)gnd (2-4)NC (1-5)NO |
| Electrical circuit type | Control circuit |
| Local signalling | 1 neon (clear) AC/DC at 120 V (voltage limits:105...125 V |
| [In] rated current | 0.22 A (Ue = 125 V DC) 3 A (Ue = 120 V AC) |
| Setting | Internal |
| Enclosure material | Die cast aluminium alloy 380 |
| Pressure actuator | Piston |
| Height | 6.37 in |
| Depth | 3.11 in |
| Width | 3.5 in |
| Operating position | Any position |
| Materials in contact with fluid | Teflon Viton fluorocarbon 440 stainless steel 303 stainless steel |
| Short-circuit protection | 10 A by gL (cartridge) overload and short-circuit protection |
| Operating rate | <= 120 cyc/mn |
| Mechanical durability | 3000000 cycles |
| Repeat accuracy | 4 % |
| Product weight | 3 lb(US) |

Environment

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|----------------------|---|
| vibration resistance | 2 gn conforming to IEC 68-2-6 (f = 40...150 Hz) |
| shock resistance | 50 gn conforming to IEC 58-2-27 |
| standards | CE UL 508 CSA C22.2 No 14 |

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| product certifications | CE CSA LR25490 class 3211 03 UL listed file E12158 CCN NKPZ and CCN NTHT |
| NEMA degree of protection | NEMA 4/4X/13 conforming to UL 50 |
| ambient air temperature for operation | -10...185 °F |

Offer Sustainability

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|--|--|
| Not Green Premium product | Not Green Premium product |
| Will not be Compliant | Will not be Compliant |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| Available | Available |
| Available | Available |
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| For more information go to www.p65warnings.ca.gov | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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